06-07-06 EQ188512 129US PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number 10/825,795 TRANSMITTAL Filing Date 13 April 2004 First Named Inventor **FORM** Jun Li Art Unit 3753 **Examiner Name** Teresa Walbert (to be used for all correspondence after initial filing) Attorney Docket Number ARC-15173-1 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC ✓ Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request below): Postcard; Mail Certificate(1pg); Request to Request for Refund **Express Abandonment Request** Correct Inventorship(2pgs); Assignee Consent(1pg); Statement Under 37CFR3.73 CD, Number of CD(s) Information Disclosure Statement (b)(1pg); Declaration(4pgs) Landscape Table on CD Certified Copy of Priority Remarks Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name NASA Ames Research Center Signature Printed name John F. Schipper

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Vickie L. Kent Date 05 June 2006

Reg. No.

26.994

Date

05 June 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions deducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EQ 188512129US

PTO/SB/17i (04-05) Approved for use through 07/31/2007. OMB 0651-0031

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PROCESSING FEE Under 37 CFR 1.17(i) TRANSMITTAL

(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450

•		
Application Number	10/825,795	
Filing Date	13 April 2004	
First Named Inventor	Jun Li	
Art Unit	3753	
Examiner Name	Teresa Walbert	
Attorney Docket Number	ARC-15173-1	

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′	Enclosed is a paper filed under 37 CFR 1.48(a) that requires a processing fee (37 CFR 1.17(i)). Payment of \$_130.00 is enclosed.
	This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see form PTO/SB/17p.
ı	Payment of Fees (small entity amounts are NOT available for the processing fees)
•	The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 14-0116 : Deposit Account No. 14-011
	Check in the amount of \$ is enclosed.
	Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.
	Processing Fees under 37 CFR 1.17(i): Fee \$130 Fee Code 1808 for all, Except for § 1.221 papers (Fee Code 1803)
	For papers filed under: § 1.28(c)(3) - for processing a non-itemized fee deficiency based on an error in small entity status. § 1.41 - for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications. § 1.48 - for correcting inventorship, except in provisional applications. § 1.52(d) - for processing a nonprovisional application filed with a specification in a language other than English. § 1.53(b)(3) - to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b). § 1.55 - for entry of late priority papers. § 1.71(g)(2) - to enter an amendment to the specification for purposes of 35 U.S.C. 103(c)(2) if not filed within the cited time periods § 1.99(e) - for processing a belated submission under § 1.99. § 1.103(b) - for requesting limited suspension of action, continued prosecution application (§ 1.53(d)). § 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114). § 1.103(d) - for requesting deferred examination of an application. § 1.217 - for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication or republication of an application. Fee Code 1803 § 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest. § 1.497(d) - for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage. § 3.81 - for a patent to issue to assignee, assignment submitted after payment of the issue fee.
	John F. Schipper Signature 05 June 2006 Date
	John F. Schipper 26,994
	Typed or printed name Registration No., if applicable

This collection of information is required by 37 CFR 1.17. The information is required to, obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 5 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/825,795

Customer No.

25186

Applicant

Jun Li, et al.

Filed

13 April 2004

TC/A.U.

3753

Confirmation No.

9102

Examiner

Teresa Walberg

Docket No.

ARC-15173-1

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label num	bel number: EQ188512129US			
Date of Deposit:	05 June 2006			
I here by certify tha	t the attached correspondence comprising:			

Return Postcard
Transmittal Form (1 page)
Fee Transmittal Form (1 page, in duplicate)
Certificate of Mailing (1 page)
Request to Correct Inventorship (2 pages)
Statement from Inventor Under 37 CFR 1.48(a) (1 page)
Assignee Consent (1 page)
Statement Under 37 CFR 3.73(b) (1 page)
Executed Declaration (4 pages)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Vickie L. Kent
name of person depositing in mail

signature

date



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/825,795

Confirmation No. 9102

Applicant

Jun Li, Meyya Meyyappan, and Carlos Dangelo

Filed

13 April 2004

TC/A.U.

3753

Examiner

Teresa Walberg

Docket No.

ARC-15173-1

Customer No.

25186

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Request to Correct Inventorship Under 37 CFR §1.48(a)

Sir:

Applicant respectfully requests that an error regarding the inventorship of the above identified patent application be corrected by adding Carlos Dangelo as an inventor.

As required by 37 CFR §1.48(a) the following documents are enclosed:

Statement from inventor, Carlos Dangelo, that the error in inventorship occurred without deceptive intent on his part.

Consent by Assignee to amend the above identified patent application to add Carlos Dangelo as an inventor.

Statement Under 37 CFR §3.73(b) by Assignee.

Declaration from all three inventors, Jun Li, Meyya Meyyappan, and Carlos Dangelo, as required under 37 CFR §1.63.

Processing Fee under 37 CFR §1.17(i).

Respectfully submitted,

John F. Schipper

Attorney for Applicant and Assignee

Reg. No. 26,994

Tel.: (650) 604-0887





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/825,795

Confirmation No. 9102

Applicant

Jun Li, Meyya Meyyappan, and Carlos Dangelo

Filed

13 April 2004

TC/A.U.

3753

Examiner

Teresa Walberg

Docket No.

ARC-15173-1

Customer No.

25186

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Statement Under 37 CFR § 1.48(a) Request for Correction of Inventorship

I, <u>Carlos Dangelo</u>, am one of the inventors of the invention entitled,
Nanoengineered Thermal Materials Based On Carbon Nanotube Array
Composites, patent application serial number 10/852,795, filed 13 April 2004.

I was inadvertently left out as an inventor on the above mentioned patent application and should now be added.

I hereby state that the error in inventorship in the above identified patent application occurred with no deceptive intent on my part.

Date: 05/25/06.

Carlos Dangelo

Patent

ARC-15173-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/825,795

Confirmation No. 9102

Applicant

Jun Li, Meyya Meyyappan, and Carlos Dangelo

Filed

13 April 2004

TC/A.U.

3753

Examiner

Teresa Walberg

Docket No.

ARC-15173-1

Customer No.

25186

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

ASSIGNEE CONSENT TO CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)

The United States of America as Represented by the Administrator of the National Aeronautics and Space Administration (NASA), 300 E Street SW, Washington, DC 20024-3210, hereby consents to amending U.S. Patent Application No. 10/825,795, filed April 13, 2004, entitled "Nanoengineered Thermal Materials Based On Carbon Nanotube Array Composites," to add Carlos Dangelo as an inventor and name the following actual inventors: Jun Li, Meyya Meyyappan, and Carlos Dangelo.

A Statement Under 37 CFR §3.73(b) by Assignee is enclosed with this submission.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

John F. Schipper

Attorney for Applicant and Assignee

Reg. No. 26,994

Tel.: (650) 604-0887

05 June 2006

Date

EQ 188512129 US

PTO/SB/96 (09-04) Approved for use through 07/31/2006. OMB 0551-0031
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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STATEMENT UND	ER 37 CFR 3.73(b)
Applicant/Patent Owner: Jun Li, Meyya Meyyappan, and Carlos Dan	gelo
Application No./Patent No.: 10/825,795 Filed/Issu	e Date: April 13, 2004
Entitled: Nanoengineered Thermal Materials Based on Carbon Nanotu	be Array commposites
USA as Represented by the Administrator of NASA , a Gover (Name of Assignee) (Type of	nment Agency Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. the assignee of the entire right, title, and interest; or	
2. an assignee of less than the entire right, title and interest The extent (by percentage) of its ownership interest is	
in the patent application/patent identified above by virtue of either	er:
Assignments from the inventor(s) of the patent applicatio in the United States Patent and Trademark Office at Reel thereof is attached. OR	n/patent identified above. The assignments were recorded 15410 , Frames 363 & 742 , or for which a copy
	on/patent identified above, to the current assignee as shown
1. From: To:	·
The document was recorded in the United States F Reel, Frame,	
From: To: The document was recorded in the United States F	,
The document was recorded in the United States F Reel, Frame	atent and Trademark Office at _, or for which a copy thereof is attached.
3. From: To:	
The document was recorded in the United States F Reel, Frame	atent and Trademark Office at
Additional documents in the chain of title are listed on a	a supplemental sheet.
Copies of assignments or other documents in the chain of tit [NOTE: A separate copy (i.e., a true copy of the original ass Division in accordance with 37 CFR Part 3, if the assign MPEP 302.08]	
The undersigned (whose title is supplied below) is authorized to	act on behalf of the assignee.
John T. Schipper	05 June 2006
Signature	Date
John F. Schipper	(650) 604-0887
Printed or Typed Name	Telephone Number
Attorney for Applicant and Assignee	48-4
Title	

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EQ188512129US



Patent Application

ARC-15173-1 (NASA Case No.)

Declaration, Power of Attorney and Petition - Original Application

As a below named inventor, I hereby declare that: My residence, mailing address and citizenship, are stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Nanoengineered Thermal Materials Based On Carbon Nanotube Array Composites the specification of which is attached hereto, was filed on as Application Serial No. 10/825,795 and was amended (Date) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information which is known to me to be material to patentability as defined in 37 CFR §1.56. I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application: , the status of which is patented, pending, abandoned. I hereby claim priority benefits under Title 35, United States Code §119(e) of any United States Provisional Applications listed below: the status of which is pending. (Provisional Serial No.) (Filing Date) POWER OF ATTORNEY: I hereby appoint the following attorney(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Registered practitioner(s) at Customer Number 25186 Registered practitioner(s) listed below: (Reg. No.) (Name) (Reg. No.) (Name) (Reg. No.) (Name) (Reg. No.) (Name) (Name) (Reg. No.) (Reg. No.) (Name) ADDRESS ALL CORRESPONDENCE TO: DIRECT TELEPHONE CALLS TO: Customer Number 25186 Telephone (Complete number to be dialed from USPTO): John Schipper (650) 604-0887 Correspondence Address listed below: Name: Address:

National Aeronautic	es and Space Administration has	of the United States of America, as repre an assignment in, or license to the this application and to receive the paten	ne invention set forth
, , ,	· ·	nis invention or discovery described and on the foregoing specification, claims, pow	
	· ·	knowledge are true and that all statemer	4
made are punishab	le by fine or imprisonment, or both, unde	er 18 U.S.C. §1001; and that such willful f	alse statements may jeopardize
*	oplication or any patent issuing thereon.	ů ,	
FULL NAME	LAST	FIRST	MIDDLE OR INITIAL
OF INVENTOR	Li	Jun	
RESIDENCE AND	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
CITIZENSHIP	Sunnyvale	California	ZIP CODE
MAILING	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	<u>-</u>
ADDRESS	1437 South Mary Avenue	Sunnyvale, California	94087
SIGNATURE	IGNATURE ~		DATE LA LA
			05/19/06
FULL NAME	LAST	FIRST	MIDDLE OR INITIAL
OF INVENTOR	Meyyappan	Meyya	•
RESIDENCE AND	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
CITIZENSHIP	San Jose	California	USA
MAILING	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	ZIP CODE
MAILING ADDRESS	P.O. Box 121	Moffett Field, California	94035
SIGNATURE	Misppe		DATE 95 18/06.
	LAST	FIRST	MIDDLE OR INITIAL
FULL NAME OF INVENTOR	,	. (
	Dangelo	Carlos STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
RESIDENCE AND CITIZENSHIP	Los Gatos	California	USA
	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	ZIP CODE
MAILING - ADDRESS -		Los Gatos, California	95030
SIGNATURE	248 University Avenue	Los Gatos, Camornia	DATE
		<u></u>	
FULL NAME OF INVENTOR	LAST	FIRST	MIDDLE OR INITIAL
RESIDENCE AND CITIZENSHIP	СІТҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
MAILING ADDRESS	STREET NO. AND NAME	CITY AND STATE (OR COUNTRY)	ZIP CODE
SIGNATURE			DATE

DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

NANOENGINEERED THERMAL MATERIALS BASED ON CARBON NANOTUBE ARRAY COMPOSITES

1 States Code, §119(a)-(d) of any reign application for patent or inv	foreign application(s) for pentor's certificate having a	natent or inventor's
		ming date before the
NY, FILED PRIOR TO THE FIL	ING DATE OF THE APP	LICATION
		ORITY CLAIMED
(day, mona.	YES □	NO □
	YES□	NO 🗆
d in the prior United States applic ge the duty to disclose informatio	cation in the manner provice in known to me which is m	ded by the first aterial to patentabilit
	STATUS	
	DATE OF FI (day, month, , §119(e) of any United States pro , §120 of any United States applic d in the prior United States applic ee the duty to disclose information	YES

for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

			THE OWN ALL AND THE OWN AND TH	MIDDLENAME	
	FULL NAME OF INVENTOR	Last name Li	Jun	MIDDLE NAME	
2	770777107.6	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENS	SHIP
0	RESIDENCE & CITIZENSHIP	Sunnyvale	CA	USA	
1		STREET	СПУ	STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	1437 South Mary Ave.	Sunnyvale	CA	94087
		SIGNATURE OF INVENTOR 201		DATE	
	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME	
	OF INVENTOR	Meyyappan	Меууа		
2	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
0 2	CITIZENSHIP	San Jose	CA •	USA	
		STREET	спту	STATE OR COUNTRY	ZIP CODE
	POST OFFICE ADDRESS	P.O. Box 121	Moffett Field	CA	94035
		SIGNATURE OF INVENTOR 202		DATE	
		LAST NAME	FIRST NAME	MIDDLE NAME	
	FULL NAME OF INVENTOR	Dangelo	Carlos		
2	RESIDENCE &	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
0 3	CITIZENSHIP	Los Gatos	CA	USA-	
	POST OFFICE	STREET	СПУ	STATE OR COUNTRY	ZIP CODE
	ADDRESS	248 University Ave.	Los Gatos	CA	95030
		SIGNATURE OF INVENTOR 203		.05 25	106.
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 4	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
4	POST OFFICE ADDRESS	STREET .	СІТУ	STATE OR COUNTRY	ZIP CODE
<u> </u>		SIGNATURE OF INVENTOR 204		DATE	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 5	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПҮ	STATE OR COUNTRY	ZIP CODE
		SIGNATURE OF INVENTOR 205		DATE	